GPIB CODE SUMMARY

SELECTION OF ANALYZER FUNCTION

Wide Band Level	M1
Narrow Band Level Very Wide	M4
Narrow Band Level Wide	M5
Narrow Band Level Medium	M6
Narrow Band Level Narrow	M7
High Pass Level	M8
Low Pass Level	M9
THD + N Ratio	S3
THD + N Level	M3
SMPTE IMD	S5
CCIF IMD	S4
Set Filter center/corner frequency in Hz	SFnn--nnHZ
Set Filter center/corner frequency in kHz	SFnn--nnKZ
DC Volts	DC
Phase	PZ

SELECTION OF FILTERS

Enable 400Hz HP Filter	H1
Disable 400Hz HP Filter	H0
Enable 30kHz LP Filter	L1
Enable 80kHz LP Filter	L2
Enable SPCL Filter	L3
Enable Aux 1 Filter	L4
Enable Aux 2 Filter	L5
Enable Aux 3 Filter	L6
Enable Aux 4 Filter	L7
Disable All Weighting Filters	L0

INPUT SELECTION AND CONFIGURATION

Select External Input A	IA
Select External Input B	IB
Select Generator Out A	IO
Select Generator Out B	BO
Set 100kΩ Input Termination	Z0
Set 600Ω Input Termination	Z1
Set 150Ω Input Termination	Z2

DETECTOR TYPE AND SYNC

Select rms Detection	D0
Select Average Detection	D1
Select Quasi-peak Detection	D2
Sync on Input Frequency	FI
Sync on Oscillator Frequency	FO
Detector Speed	(see SPCL FNCT 29)

DISPLAY FORMATTING

Select Volts Units	VO
Select dBV Units	BV
Select dBm Units	BM
Select Watts Units	WA
Select Log Units	LG
Select Linear Units	LN
Enable Relative Mode	R1
Disable Relative Mode	R0
Enter Relative Ref in Volts	REnn--nnVL
Enter Relative Ref in mV	REnn--nnMV
Enter Relative Ref in μV	REnn--nnUV
Enter Relative Ref in dBV	REnn--nnDV
Enter Relative Ref in dBm	REnn--nnDM
Enter Relative Ref in dB	REnn--nnDB
Enter Relative Ref in %	REnn--nnPE

SET SOURCE PARAMETERS

Set Source Amplitude in Volts	APnn--nnVL
Set Source Amplitude in mV	APnn--nnMV
Set Source Amplitude in μV	APnn--nnUV
Set Source Amplitude in dBV	APnn--nnDV
Set Source Amplitude in dBm	APnn--nnDM
Set Source Frequency in Hz	FRnn--nnHZ
Set Source Frequency in kHz	FRnn--nnKZ

INCREMENT MODE

Set Source Freq Incr in Hz	FNnn--nnHZ
Set Source Freq Incr in kHz	FNnn--nnKZ
Set Source Freq Incr in %	FNnn--nnPE
Set Source Ampl Incr in Volts	ANnn--nnVL
Set Source Ampl Incr in mV	ANnn--nnMV
Set Source Ampl Incr in μV	ANnn--nnUV
Set Source Ampl Incr in dB	ANnn--nnDB
Set Source Ampl Incr in %	ANnn--nnPE
Set Filter Freq Incr in Hz	SNnn--nnHZ
Set Filter Freq Incr in kHz	SNnn--nnKZ
Step Frequency Up, Increment	(FR) UP
Step Frequency Down, Decrement	(FR) DN
Step Amplitude Up, Increment	(AP) UP
Step Amplitude Down, Decrement	(AP) DN

INTERMODULATION DISTORTION PARAMETERS

Set IMD LF or OF in Hz	IFnn--nnHZ
Set IMD LF or OF in kHz	IFnn--nnKZ
Select CCIF IMD Mode	S4
Select SMPTE IMD Mode	S5
Select IMD Ampl. Ratio	(see SPCL FNCT 35)

OUTPUT CONFIGURATION

Enable Output	O1
Disable Output	O0
Select Output Channel A Only	C0
Select Output Channel B Only	C1
Select Output Channel A and B	C2
Select Output Channel A and -B	C3
Select Output Float Mode	OF
Select Output Ground Mode	OG
Set Output Impedance to 600Ω, balanced	P0
Set Output Impedance to 150Ω, balanced	P1
Set Output Impedance to 50Ω, unbalanced	P2

GPIB PARAMETERS

Select Free Run Mode	T0
Select Hold Mode	T1
Select Trigger Immediate	T2
Select Trigger With Settling	T3
Read Left Amplitude Display	RL
Read Right Frequency Display	RR
Trigger Measurement Cycle	CL

MISCELLANEOUS

Set Automatic Operation	AU
SPCL Function	nn--nnSP
Store Instrument Set Up (n = 2 to 11)	nST
Partial Set Up Recall (n = 0 to 11)	nRC
Full Set Up Recall (n = 0 to 11)	n.1RC

NOTES

1) nn-nn refers to a series of one or more digits with or without a decimal point.

   Example:

   AP4.02DV (Set amplitude to 4.02 dBV)

   FN1000Hz (Set frequency to 1000 Hz)

   FN1.00KZ (Set frequency to 1.00 kHz)

2) No spaces are required between codes.

3) Items in ( ) are optional.

4) 0 = numeric character zero
   O = alpha character oh